

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 02/02451

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H01P 7/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H01P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Derwent's abstract, No 94-158338/19, week 9419, ABSTRACT OF SU, 1800523 (BUBNOV P M), 7 March 1993 (07.03.93)	1,2,3
A	--	4,6,8
A	WO 9611510 A1 (NOKIA TELECOMMUNICATION OY), 18 April 1996 (18.04.96), page 8, line 33 - page 9, line 33, figure 7	1-5,7
A	WO 9910948 A1 (CONTROL DEVICES, INC), 4 March 1999 (04.03.99), page 12, line 13 - line 27	1,3,9,10
	--	

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

29 July 2003

Date of mailing of the international search report

30 -07- 2003

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Bo Gustavsson/SN
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 02/02451

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 9966585 A2 (ALLGON AB), 23 December 1999 (23.12.99), see the whole document --	11,12
A	Tunable Dielectric Resonators with Dielectric Tuning Disks in Cylindrical Enclosures Tao Shen et al Microwave Theory and Techniques, IEEE Transactions on, Volume: 3 Issue Dec. 2000 Page(s): 1441-1444 AN 6703859 --	1,11
A	PATENT ABSTRACTS OF JAPAN vol. 200, no. 007 29 September 2000 (2000-09-29) & JP 2000101314 A (SUMITOMO SPECIAL METALS CO LTD), 7 April 2000 (2000-04-07) abstract -- -----	11-14

INTERNATIONAL SEARCH REPORT
Information on patent family members

29/06/03

International application No.
PCT/SE 02/02451

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
WO	9611510	A1	18/04/96	AT	205336 T	15/09/01
				AU	687259 B	19/02/98
				AU	3654395 A	02/05/96
				CN	1136862 A	27/11/96
				DE	69522553 D,T	25/04/02
				EP	0748526 A,B	18/12/96
				SE	0748526 T3	
				FI	97089 B,C	28/06/96
				FI	944662 A	06/04/96
				JP	3179498 B	25/06/01
				JP	9506494 T	24/06/97
				NO	962309 A	04/06/96
				US	5748060 A	05/05/98
WO	9910948	A1	04/03/99	AU	8911498 A	16/03/99
				US	6323746 B	27/11/01
WO	9966585	A2	23/12/99	AT	223413 T	15/09/02
				AU	1791699 A	28/06/99
				AU	4816799 A	05/01/00
				BR	9813373 A	03/10/00
				CA	2312419 A	17/06/99
				CN	1305650 T	25/07/01
				DE	69807741 D	00/00/00
				EE	200000318 A	15/08/01
				EP	1036076 A,B	20/09/00
				SE	1036076 T3	
				EP	1088362 A	04/04/01
				HU	0100280 A	28/10/01
				IL	136499 D	00/00/00
				JP	2001525413 T	11/12/01
				NO	20002788 A	01/08/00
				NZ	504452 A	31/05/02
				SE	512513 C	27/03/00
				SE	9802191 A	19/12/99
				SK	8402000 A	12/03/01
				US	6496089 B	17/12/02
				US	2002099055 A	25/07/02